

# CROP-WEATHER REPORT

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For Week Ending: July 25, 2004

ISSUED: WEEKLY: Apr-Oct  
MONTHLY: Nov-Mar



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## Agricultural Summary

There were 6.9 days suitable for fieldwork for the week, with hot and dry weather across most of the state. Montana’s high temperatures were mostly in the mid 80's to low 100's, with Miles City reaching the highest temperature of 107 degrees. Wisdom and Scobey tied for the state’s lowest temperature of 36 degrees, while most of Montana had lows from the low 40's to mid 50's. Scattered thunderstorms dumped rain on a few areas, with West Glacier seeing the most precipitation of 1.17 inches. Montana’s forecast for the week of August 2<sup>nd</sup> through August 9<sup>th</sup> shows near normal temperatures and precipitation for the western part of the state, while the eastern part of the state should expect above normal temperatures and near normal precipitation. Normal temperatures for this period range from highs in the upper 70's to upper 80's and lows from the lower 40's to the lower 60's.

### Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Topsoil Moisture</b>				
Very Short	22	15	52	33
Short	40	36	38	39
Adequate	38	46	10	27
Surplus	0	3	0	1
<b>Subsoil Moisture</b>				
Very Short	33	27	43	38
Short	33	39	41	40
Adequate	34	34	16	21
Surplus	0	0	0	1

## Field Crops and Livestock Report

The continued hot and dry weather during the past week increased crop development and caused slight declines in crop conditions for the majority of the small grains. **Winter wheat** is 93 percent turning color, 15 percent ripe, and 1 percent harvested, which is significantly behind last year and the five-year average. **Spring wheat** is 99 percent boot stage, 90 percent headed, and 22 percent turning which is behind last year and the five-year average. **Durum wheat** is 78 percent boot stage, 67 percent headed, and 7 percent turning, which is significantly behind last year. **Barley** is 98 percent headed, 44 percent turning, and 3 percent ripe, which is slightly behind last year and the five-year average. **Oats** are 93 percent headed, 35 percent turning and 6 percent ripe, which is slightly behind last year.

There are reports that grasshopper populations are on the rise, which is being aided by the hot and dry weather. Producers should begin scouting fields for signs of grasshopper infestation.

### Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat</b>				
Turning	93	70	97	94
Ripe	15	1	71	58
Harvested	1	0	32	19
<b>Spring Wheat</b>				
Boot Stage	99	95	99	99
Headed	90	84	97	94
Turning	22	3	62	51
<b>Durum Wheat</b>				
Boot Stage	78	74	96	N/A
Headed	67	52	88	N/A
Turning	7	N/A	51	N/A
<b>Barley</b>				
Headed	98	89	96	94
Turning	44	12	59	53
Ripe	3	0	12	8
<b>Oats</b>				
Headed	93	73	94	93
Turning	35	11	41	43
Ripe	6	N/A	10	10
<b>Hay - First Cutting</b>				
Alfalfa Hay	93	82	99	95
Other Hay	81	66	89	80
<b>Hay - Second Cutting</b>				
Alfalfa Hay	7	1	13	12
Other Hay	3	0	5	2

**Range and pasture feed condition** deteriorated this week due to the hot weather.

### Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Range &amp; Pasture Feed Condition</b>				
Very poor	21	12	16	15
Poor	21	18	24	23
Fair	30	38	37	36
Good	23	27	21	21
Excellent	5	5	3	5

### Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat - Condition</b>				
Very Poor	5	4	3	11
Poor	11	8	9	20
Fair	28	29	35	32
Good	42	43	43	31
Excellent	14	16	10	6
<b>Spring Wheat - Condition</b>				
Very Poor	4	2	7	10
Poor	8	7	21	17
Fair	26	30	35	31
Good	54	55	34	35
Excellent	8	6	3	7
<b>Durum Wheat - Condition</b>				
Very Poor	3	1	9	N/A
Poor	10	9	12	N/A
Fair	31	28	23	N/A
Good	43	49	52	N/A
Excellent	13	13	4	N/A
<b>Barley - Condition</b>				
Very Poor	2	2	10	10
Poor	5	6	20	19
Fair	33	31	29	34
Good	47	50	33	30
Excellent	13	11	8	7
<b>Oats - Condition</b>				
Very Poor	8	5	4	6
Poor	12	11	11	13
Fair	32	33	27	27
Good	41	46	46	43
Excellent	7	5	12	11
<b>Sugar Beet - Condition</b>				
Very Poor	13	11	0	0
Poor	17	19	2	6
Fair	34	36	17	20
Good	31	31	40	43
Excellent	5	3	41	31
<b>Corn - Condition</b>				
Very Poor	11	7	1	0
Poor	17	17	3	4
Fair	37	43	19	23
Good	32	31	44	48
Excellent	3	2	33	25
<b>Dry Beans - Condition</b>				
Very Poor	1	1	1	1
Poor	12	11	5	5
Fair	48	33	28	34
Good	37	52	59	50
Excellent	2	3	7	10
<b>Potatoes - Condition</b>				
Very Poor	0	0	0	0
Poor	2	4	0	1
Fair	7	13	12	14
Good	53	46	65	54
Excellent	38	37	23	31

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT <http://www.nass.usda.gov/mt/>

Compiled and Summarized by:  
Montana Agricultural Statistics Service

In conjunction with:  
MSU Extension Agents

USDA County Service Centers  
National Weather Service

# Weather Information Table For Week Ending 6:00 p.m. MST, July 24, 2004 1/

STATION	TEMPERATURE PAST WEEK			PRECIPITATION						
				Past Week	April 1, 2004 to Date			October 1, 2003 to Date		
	High	Low	Avg.		Total 2/	Normal 3/	%	Total 2/	Normal 3/	%
	Degrees				In.	Inches		Normal	Inches	
NORTHWEST										
Drummond	91	44	67	0.51	5.34	5.49	97	9.26	10.00	93
Hamilton	91	50	69	0.27	6.04	5.19	116	10.61	11.10	96
Kalispell	88	47	69	0.78	5.85	6.65	88	12.26	14.44	85
Libby	M	M	M	M	M	M	M	M	M	M
Missoula	93	51	72	0.34	7.16	5.61	128	11.79	11.34	104
Polson	84	50	69	0.09	5.96	6.80	88	11.11	13.23	84
Superior	98	48	71	0.52	7.41	5.61	132	12.76	13.92	92
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	90	49	68	1.17	M	M	M	M	M	M
NORTH CENTRAL										
Chester	96	47	70	0.02	4.41	5.82	76	5.74	8.20	70
Choteau	87	40	65	M	M	M	M	7.31	7.65	96
Conrad	95	51	68	M	M	M	M	M	M	M
Cut Bank	89	44	68	0.38	4.45	6.82	65	5.12	9.26	55
Ft. Benton	100	50	73	M	M	M	M	M	M	M
Gold Butte	91	40	67	0.00	6.49	7.02	92	9.88	10.14	97
Harlem	95	44	69	0.03	6.32	6.29	100	9.38	8.75	107
Havre	99	46	71	0.02	7.04	5.78	122	8.08	8.89	91
Malta	100	53	73	0.00	7.09	7.11	100	10.63	10.06	106
Shelby	91	46	69	0.00	2.64	6.63	40	4.40	9.16	48
Turner	94	47	69	0.05	9.68	6.34	153	13.98	8.59	163
Valier	94	46	68	0.00	4.72	6.82	69	6.71	9.13	73
NORTHEAST										
Culbertson	94	41	71	0.00	6.05	7.60	80	9.50	10.28	92
Glasgow	100	49	72	0.14	7.65	6.05	126	10.20	8.60	119
Glendive	102	53	77	0.00	7.09	7.14	99	9.78	10.34	95
Jordan	102	49	72	M	M	M	M	M	M	M
Plentywood	M	M	M	M	M	M	M	M	M	M
Scobey	94	36	66	0.00	7.17	7.22	99	11.13	9.48	117
Sidney	98	45	72	0.00	5.39	7.55	71	9.29	11.02	84
Wolf Point	100	42	70	0.02	6.86	6.48	106	10.78	9.12	118
CENTRAL										
Cascade	M	M	M	M	M	M	M	M	M	M
Flatwillow	103	46	73	0.00	5.18	7.28	71	12.04	10.74	112
Great Falls	93	46	70	0.00	7.37	7.29	101	8.42	11.68	72
Harlowton	96	48	70	0.02	6.19	7.58	82	8.59	10.93	79
Helena	92	51	72	0.01	5.87	5.55	106	7.56	8.68	87
Lewistown	95	45	68	0.00	6.57	8.86	74	10.20	14.11	72
Melstone	106	50	76	0.00	M	M	M	M	M	M
Roundup	97	45	74	0.03	5.07	7.06	72	7.76	10.32	75
Stanford	91	46	68	0.08	7.19	8.89	81	11.51	13.33	86
White Sulphur Spr	94	45	66	0.42	7.35	6.86	107	9.42	10.45	90
SOUTHWEST										
Anaconda	86	43	66	0.65	7.39	6.06	122	12.05	10.45	115
Belgrade	89	43	67	0.63	8.54	7.22	118	11.20	11.87	94
Bozeman MSU	94	53	70	0.39	9.34	9.24	101	15.97	15.68	102
Butte	83	45	65	0.34	6.44	6.25	103	7.91	10.00	79
Dillon	85	44	67	0.25	6.44	6.26	103	7.77	9.13	85
Ennis	85	45	68	0.04	4.82	6.83	71	9.36	10.72	87
Wisdom	87	36	62	0.67	6.50	5.45	119	10.42	9.50	110
SOUTH CENTRAL										
Billings	100	49	74	0.01	6.12	7.10	86	9.75	12.29	79
Gardiner	94	48	70	0.93	6.23	4.60	135	7.64	7.77	98
Hardin	104	49	77	0.02	5.09	5.89	86	8.11	9.88	82
Livingston	93	43	68	0.48	7.17	8.06	89	9.90	12.53	79
Rapelje	100	45	72	0.00	5.64	7.61	74	8.77	12.29	71
Red Lodge	81	44	63	0.42	6.61	10.71	62	9.34	19.90	47
SOUTHEAST										
Baker	102	45	72	0.12	5.51	7.67	72	8.73	11.41	77
Broadus	102	49	77	0.19	5.16	7.21	72	7.70	11.31	68
Ekalaka	100	45	73	0.00	3.13	9.17	34	7.48	14.03	53
Miles City	107	53	76	0.65	4.37	7.26	60	6.63	10.78	62

1/ Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.